



	\\\\	}	<u>\$</u> /				,,		Page 1 of	
	`	Y & THE	AREMARISON		ATTY. DOCKET NO. 0609.4370003/RWE/FRC		APPL 10 09/964	CATION NO.		
	INFORMA		1 PTO-1449 <u>Isclosure sta</u> 1	'EMENT	APPLICANT de la Monte et al.					
	2111.2111.01			<u> </u>	FILING DATE GROUP, 1/2					
				U.S.	September 28, 2001 PATENT DOCUMENTS		7033			
EXAMINER						$\top \top$				
INITIAL	AA1		CUMENT NUMBER	DATE	NAME	CLA		SUB-CLASS		
W.	AB1		873,191 168,053	10/10/1989	Wagner et al.	435	_	172.3	08/18/1986	
NX.	AC1	_	B30,670	11/03/1998	Altman et al.	435		91	08/17/1990	
M)	AD1		948,634	09/07/1999	de la Monte <i>et al</i> .	435		7.2	05/30/1995	
14	AE1	-	248,888	09/07/1999	de la Monte et al.	435		69.1	11/14/1994	
M	AF1	- 	71,705	06/06/2000	de la Monte et al.	530	/	350	05/30/1995	
	AG	+	,	00,00,200	Wands et al.	435		7.1	06/06/1995	
	AH	 							 	
	AI								<u> </u>	
	AJ					1.				
	AK									
	· ·			FOREIG	N PATENT DOCUMENTS					
EXAMINER INITIAL	<u> </u>	DOC	UMENT NUMBER	DATE	COUNTRY	CLAS	s	SUB-CLASS	TRANSLATION	
N	AL1	EP	0 263 740	04/13/1988	Europe				Yes X No	
W	AN1	WO .	89/03849	05/05/1989	WIPO				Yes No	
N	AN1	WO !	90/06993	06/28/1990	WIPO ·				Yes No	
M	A01	WO 9	92/07065	04/30/1992	WIPO				Yes No	
pr	AP1	WO 9	94/23756	10/27/1994	WIPO				Yes No	
•			OTHER (Including Author,	Title, Date, Pertinent Pages,	etc.)				
N	AR	· 1	Anderson, W.	F., "Kuman gene t	:herapy," <i>Nature 392</i> :25-30, Mad	cmillan	Journal	ls Ltd. (Apı	ril 1998).	
K	Bloch, D.B., et al., "Identification and Characterization of a Leukocyte-specific Component of the Nuclear Body," J. Biol. Chem. 271:29198-29204, The American Society for Biochemistry and Molecular Biology, Inc. (November 1996).									
M	. AT	1	Brinster, R. microinjecti (1985).	L., et al., "Factong eggs," Proc. No.	ors affecting the efficiency catl. Acad. Sci. USA 82:4438-444	of intro 42, Nati	ducing onal A	foreign DNA cademy of So	into mice by ciences	
XAMINER						DATE CO	NSIDER	ED //2 2/2	,	
XAMANER: Init	ial if	efero	nce considered	, whether or not	citation is in conformance wi	th MPEP	609.	//23/00		
Control IT not	ID-eon	orman	ce and not cor	sidered. Include	copy of this form with next	communic	ation	to Applican	t.	



Page 2 of 9 ATTY. DOCKET NO. APPLICATION NO. 0609.4370003/RWE/FRC 09/964,666 FORM PTO-1449 APPLICANT de la Monte et al. INFORMATION DISCLOSURE STATEMENT FILING DATE GROUP 1435 1000 September 28, 2001 U.S. PATENT DOCUMENTS **EXAMINER** DOCUMENT NUMBER INITIAL DATE NAME CLASS SUB-CLASS FILING DATE AA AB AC AD ΑE AF AG AH ΑI AJ AK FOREIGN PATENT DOCUMENTS **EXAMINER** INITIAL DOCUMENT NUMBER DATE COUNTRY CLASS SUB-CLASS TRANSLATION AL2 WO 96/15272 05/23/1996 WIPO No Yes AM2 WO 96/40895 12/19/1996 WIPO No Yes No Yes ΑO No Yes AP No OTHER (Including Author, Title, Date, Pertinent Pages, etc.) Chiu, T.-L. and Goldstein, R.A., "Optimizing energy potentials for success in protein tertiary AR 2 structure prediction," Folding and Design 3:223-228, Current Biology Ltd. (May 1998). de la Monte, S.M., et al., "Enhanced Expression of an Exocrine Pancreatic Protein in Alzheimer's AS <u>2</u> Disease and the Developing Human Brain," J. Clin. Invest. 86:1004-1013, The American Society for Clinical Investigation, Inc. (1990). de la Monte, S.M., et al., "Regional and Maturation-associated Expression of Endothelin 2 in Rat Gastrointestinal Tract," J. Histochem. Cytochem. 43:203-209, The Histochemical Society, Inc. AT ' 2 (1995). EXAMINER DATE CONSIDERED EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



Page 3 of 9 APPLICATION NO. ATTY. DOCKET NO. 0609.4370003/RWE/FRC 09/964,666 FORM PTO-1449 APPL I CANT de la Monte et al. INFORMATION DISCLOSURE STATEMENT FILING DATE **GROUP** September 28, 2001 U.S. PATENT DOCUMENTS **EXAMINER** INITIAL DOCUMENT NUMBER DATE NAME CLASS SUB-CLASS FILING DATE AA AB AC ΑD ΑE AF AG ΑН ΑI AJ AK FOREIGN PATENT DOCUMENTS EXAMINER INITIAL DOCUMENT NUMBER DATE COUNTRY **CLASS** SUB-CLASS TRANSLATION AL No Yes No Yes AN No Yes AO No Yes AP No OTHER (Including Author, Title, Date, Pertinent Pages, etc.) de la Monte, S.M., et al., "Aberrant GAP-43 Gene Expression in Alzheimer's Disease," Am. J. Pathol. 147:934-946, American Society for Investigative Pathology (1995). 3 de la Monte, S.M., and Bloch, K.D., "Aberrant Expression of the Constitutive Endothelial Nitric 3 Oxide Synthase Gene in Alzheimer Disease," Mol. Chem. Neuropathol. 30:139-159, Humana Press, Inc. (January/February 1997). Games, D., et al., "Alzheimer-type neuropathology in transgenic mice overexpressing V717F β amyloid precursor protein," Nature 373:523-527, Macmillan Journals Ltd. (1995). **EXAMINER** DATE CONSIDERED 106 EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



DATE CONSIDERED

Page 4 of 9 ATTY. DOCKET NO. APPLICATION NO. 0609.4370003/RWE/FRC 09/964,666 **FORM PTO-1449 APPLICANT** de la Monte et al. INFORMATION DISCLOSURE STATEMENT FILING DATE 1635 September 28, 2001 U.S. PATENT DOCUMENTS EXAMINER DOCUMENT NUMBER INITIAL DATE NAME CLASS SUB-CLASS | FILING DATE AA AB AC AD AE AF AG AH ΑI AJ AK FOREIGN PATENT DOCUMENTS **EXAMINER** INITIAL DOCUMENT NUMBER DATE COUNTRY CLASS SUB-CLASS TRANSLATION Yes ΑL No Yes No Yes AN. No Yes ΑO No Yes ΑP No OTHER (Including Author, Title, Date, Pertinent Pages, etc.) Gossler, A., et al., "Transgenesis by means of blastocyst-derived embryonic stem cell lines," Proc. Natl. Acad. Sci. USA 83:9065-9069, National Academy of Science (1986). AR 4 Gross, J., et al., "Isolation, Characterization, and Distribution of an Unusual Pancreatic Human Secretory Protein, " J. Clin. Invest. 76:2115-2126, The American Society for Clinical AS Investigation, Inc. (1985). The Huntington's Disease Collaborative Research Group, "A Novel Gene Containing a Trinucleotide Repeat That Is Expanded and Unstable on Huntington's Disease Chromosomes," Cell 72:971-983, Cell Press (1993).

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

EXAMINER



ATTY. DOCKET NO. O609.4370003/RWE/FRC 09/964,666

APPLICANT de La Monte et al.

FILING DATE September 28, 2001

ATTY. DOCKET NO. O9/964,666

APPLICATION NO. O9/964,666

APPLICANT GROUP /6 3 5

										
		-,		U.s	. PATENT DOCUMENTS					
EXAMINER INITIAL		DO	CUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE		
	AA	┿		ļ						
	AB	┿		 						
	AC	-		<u> </u>						
	AD	—		ļ	·					
	AE	┼		ļ	<u> </u>			<u> </u>		
	AF	+-		ļ. <u>.</u>						
	AG	+-	 _	<u> </u>						
	AH	+-								
	I A I	+								
•	AJ	$+\!-$				 -				
	AK									
				FOREI	GN PATENT DOCUMENTS		· · · · · · · · · · · · · · · · · · ·			
EXAMINER INITIAL		DOC	UMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION		
·	AL							Yes No		
	AM							Yes No		
•	AN		-					Yes		
	AO						1	No Yes		
		1			·		 	No Yes		
	AP	ــــــــــــــــــــــــــــــــــــــ	,					No		
	7		OTHER (1	ncluding Author	, Title, Date, Pertinent Pages	, etc.)	 			
M	AR	5	Kosaka, K., Press, Ltd.	"Dementia and Ne	vuropathology in Lewy Body Disc	ease,ª Adv. Na	eurol. 60:456-	·463, Raven		
W	AS	5	Lannfelt, L. Behav. Brain	Lannfelt, L., et al., "Alzheimer's disease: molecular genetics and transgenic animal models," Behav. Brain Res. 57:207-213, Elsevier Science B.V. (1993).						
M	AT	5	Marx, J., "Ma the Advancema	ajor Setback for ent of Science (1	Alzheimer's Models," Science 1992).	<i>255</i> : 1200-1202	, American As	sociation for		
EXAMINER		$\overline{\mathbf{x}}$	2			DATE CONSIDE	ERED //23/	las		
EVANINED. Ini	مرعن امنه	/				<u> </u>	1/00/			

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



ATTY. DOCKET NO. 0609.4370003/RWE/FRC 09/964,666

APPLICATION NO. 09/964,666

APPLICANT de la Monte et al.

FILING DATE September 28, 2001 GROUP 1633 (635)

			·							
					U.S. PATENT DOC	UMENTS				
EXAMINER INITIAL		DO	CUMENT NUMBER	DATE	NAME		CLASS	SUB-CLASS	FILING DATE	
	AA								THE SAME	
	AB									
	AC									
	AD								<u> </u>	
	AE									
	AF									
	AG	\bot								
	AH									
	IA	┦—								
	LA	-								
	AK									
		,		FC	REIGN PATENT DO	UMENTS			<u> </u>	
EXAMINER INITIAL		DOC	UMENT NUMBER	DATE	COUNTRY		CLASS	CUID 01 100		
	1						CLASS	SUB-CLASS	TRANSLATION Yes	
	AL	+-						_	No	
	AM	1_							Yes No	
	AN								Yes	
	AO								No Yes	
									No Yes	
	AP	<u> </u>	OTHER (1	malaudina Aust					. No	
			- OTHER (1	neturing Auti	nor, Title, Date	, Pertinent Pages,	etc.)		-	
M	AR	ē	Ozturk, M., o disease brain	et al., "Elev n," <i>Proc. Nat</i>	ated levels of a 1. Acad. Sci. USA	n exocrine pancre 1 <i>86</i> :419-423, Nati	atic secretor onal Academy	ry protein in of Sciences	Alzheimer (1989).	
\mathcal{M}	AS	<u>6</u>	Pursel, V.G., Association f	Pursel, V.G., et al., "Genetic Engineering of Livestock," <i>Science 244</i> :1281-1288, American Association for the Advancement of Science (1989).						
M	AT .	AT $\underline{6}$ Quon, D., et al., "Formation of β -amyloid protein deposits in brains of transgenic mice," Nature 352:239-241, Macmillan Journals Ltd. (1991).								
KAMINER							DATE CONSIDE	RED	1,	
CANTHER: Ini					not citation is				106	

EXAMINER: Initial If reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

COPY

Page 7 of 9

ATTY. DOCKET NO. 0609.4370003/RME/FRC 09/964,666

APPLICANT de La Monte et al.

FILING DATE September 28, 2001 GROUP 1633 [635]

				U.S. PATENT DOCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE			
	AA	-								
	AB		 							
	AC		<u> </u>							
	AD									
	AE	 -								
_	AF									
	AG		 			 				
·	AH		 			- 				
	AI AJ	 				-	<u> </u>			
	AK		 							
			<u> </u>	COSTIGN DATENT DAGGETTE						
EXAMINER		T	<u> </u>	FOREIGN PATENT DOCUMENTS						
INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION			
	AL						Yes No			
·· ·	AM						Yes No			
	AN						Yes No			
	AO						Yes No			
	АР						Yes			
		OTHER (Including Au	thor, Title, Date, Perti	nent Pages etc \	<u></u>	No			
Μ	AR	Salter, D.W.	. et al "1	ransgenic Chickens: Inse 240, Academic Press, Inc	ertion of Petroviral Com	es into the (Chicken Germ			
k	AS	Z Verma, I.M. Macmillan Jo	Verma, I.M. and Somia, N., "Gene Therapy- promises, problems and prospects," <i>Nature 389</i> :239-242, Macmillan Journals Ltd. (September 1997).							
N	AT Z Dialog File 351, Accession No. 88-100135/198815, Derwent WPI English language abstract for EP 0 263 740 (Document AL1).									
XAMINER		3			DATE CONSIDE		/			
XAMINER: 10	المراجع المراجع المراجع		4 4 4	r not citation is in cont		1/23/0	16			

EXAMINER: Initial II reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Page 8 of 9

FORM PTO-1449 .

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO. 0609.4370003/RWE/FRC	APPLICATION NO. 09/964,666	
APPLICANT de la Monte <i>et al</i> .		
FILING DATE September 28, 2001	GROUP 1635	

				U.S	. PATENT DOCUMENTS				
EXAMINER INITIAL		DOC	CUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE	
	AA								
	AB								
	AC								
	AD								
	AE	—		ļ <u>.</u>]		
	AF	—							
	AG								
	AH	+-					 		
<u> </u>	AI	+					 	· · · · · · · · · · · · · · · · · · ·	
	AJ AK	+-			ļ. ————————————————————————————————————				
	Ak			SORTI			<u> </u>		
EXAMINER				PUKE I	IGN PATENT DOCUMENTS		T	r	
INITIAL	<u> </u>	DOC	UMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
	AL							Yes No	
	АМ							Yes No	
	AN							Yes No	
	AO	1						Yes	
· · · · · · · · · · · · · · · · · · ·	AP	†						No Yes	
	I Ar		OTHER (tactivities Author	Title Date Destine			No	
		Γ	Unek (Including Author	, Title, Date, Pertinen	it Pages, etc.)	······································		
\mathcal{M}	AR	8	Internationa 1998.	l Search Report	for International Appl	ication No. PCT/US98/0	0 368 5, maile	d July 9,	
M	AS	<u>8</u>	Pending Non-Provisional U.S. Patent Application No. 09/380,203, de la Nonte et al., filed April 25, 2000 and U.S. Patent Application Nos. 09/964,678, 09/964,412 and 09/964,667, de la Nonte et al., filed September 28, 2001.						
W	AT 8 Claims Currently Pending from U.S. Appl. No. 09/380,203, de la Monte et al., filed April 25, 2000.								
EXAMINER		eq				DATE CONSIDER	RED //2	2/11-	
XAMINER: Init	ialif	efere	nce considered	d, whether or no	t citation is in confor	mance with MPEP 609.	Draw line 1	hrough	

in conformance and not considered. Include copy of this form with next communication to Applicant.



Page 9 of 9 ATTY. DOCKET NO. 0609.4370003/RWE/FRC APPLICATION NO. 09/964,666 FORM PTO-1449 APPLICANT de la Monte et al. INFORMATION DISCLOSURE STATEMENT FILING DATE 1635 September 28, 2001 1635

										
					U.S. PATENT DOCUMEN	NTS				
EXAMINER INITIAL		DO	CUMENT NUMBER	DATE	NAME		CLASS	SUB-CLASS	FILING DATE	
	AA									
	AB			<u> </u>						
	AC	Д_								
	AD									
	AE	\bot		<u> </u>						
	AF			<u> </u>						
	AG	┿								
	AH	+		ļ. <u></u> .						
	AI	 		ļ						
	AJ	┿		 		·····			·	
	AK	Щ.,,		<u></u>				<u> </u>		
				FO	REIGN PATENT DOCUME	ENTS				
EXAMINER INITIAL	 	DOC	CUMENT NUMBER	DATE	COUNTRY		CLASS	SUB-CLASS	TRANSLATION	
	AL	\bot	***			· ·			Yes No	
	AM	\perp							Yes No	
	AN	$oldsymbol{oldsymbol{oldsymbol{oldsymbol{\bot}}}$				·			Yes No	
	AO								Yes No	
	AP	1_							Yes No	
			OTHER (Including Auth	hor, Title, Date, P	ertinent Pages.	etc.)			
M	AR	2			from U.S. Appl. No.			t al., filed	September 28,	
W	AS	2	Claims Curre 2001.	Claims Currently Pending from U.S. Appl. No. 09/964,412, de la Monte <i>et al.</i> , filed September 28, 2001.						
N	AT	2	Claims Currer 2001.	ntly Pending 1	from U.S. Appl. No.	09/964,667, de	la Monte <i>et</i>	al., filed s	September 28,	
XAMINER			5				DATE CONSID	ERED 1/2	3/06	
VAMINED									{	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.